



FORM HDP-1449 (Based on Form PTO-1449)

**PATENT AND TRADEMARK OFFICE
INFORMATION DISCLOSURE CITATION**

(Use several sheets if necessary)

Sheet 1 of 8

ATTORNEY DOCKET NO.	APPLICATION NO.
46500-000575/US	10/777,637
APPLICANT	
Kang Soo SEO et al.	
FILING DATE	GROUP
February 13, 2004	2163

U.S. PATENT DOCUMENTS

Ref. Desig.	Examiner's Initials	Document Number	Date	Name	Class/ Subclass	(If appropriate) Filing Date
1.	ML	US 5,870,523	02/09/1999	KIKUCHI et al.		
2.		US 5,907,658	05/25/1999	MURASE et al.		
3.		US 2001/0033517	10/25/2001	ANDO et al.		
4.		US 2002/0015383	02/07/2002	UENO		
5.		US 2002/0015581	02/07/2002	ANDO et al.		
6.		US 2002/0021761	02/21/2002	ZHANG et al.		
7.		US 2002/0031336	03/14/2002	OKADA et al.		
8.		US 2002/0076201	06/20/2002	TSUMAGARI et al.		
9.		US 2002/0097981	07/25/2002	SEO et al.		
10.		US 2002/0127002	09/12/2002	MORI et al.		
11.		US 2002/0196365	12/26/2002	CHO et al.		
12.		US 2002/0197059	12/26/2002	CHO et al.		
13.		US 2003/0002194	01/02/2003	ANDOH		
14.		US 2003/0026597	02/06/2003	CHO et al.		
15.		US 2003/0123849	07/03/2003	NALLUR et al.		
16.		US 2003/0133509	07/17/2003	YANAGIHARA et al.		
17.		US 2003/0221055	11/27/2003	OKADA		
18.		US 2003/0235403	12/25/2003	SEO et al.		
19.		US 2004/0086261	05/06/2004	HANES		
20.		US 2004/0179819	09/16/2004	CHO et al.		
21.		US 2004/0179820	09/16/2004	KASHIWAGI et al.		

Examiner:

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Sheet 2 of 8

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U.S. PATENT DOCUMENTS

Ref. Desig.	Examiner's Initials	Document Number	Date	Name	Class/ Subclass	(If appropriate) Filing Date
22.	/ML/	US 2004/0179827	09/16/2004	CHO et al.		
23.		US 2004/0247290	12/09/2004	SEO et al.		
24.		US 2004/0252975	12/16/2004	CHO et al.		
25.		US 5,559,808	09/24/1996	KOSTRESKI et al.		
26.		US 5,651,010	07/22/1997	KOSTRESKI et al.		
27.		US 5,729,549	03/17/1998	KOSTRESKI et al.		
28.		US 5,732,185	03/24/1998	HIRAYAMA et al.		
29.		US 5,745,643	04/28/1998	MISHINA		
30.		US 5,747,136	05/05/1998	SHONO et al.		
31.		US 5,771,334	06/23/1998	YAMAUCHI et al.		
32.		US 5,835,493	11/10/1998	MAGEE et al.		
33.		US 5,854,873	12/29/1998	MORI et al.		
34.		US 5,870,523	02/09/1999	KIKUCHI et al.		
35.		US 5,877,817	03/02/1999	MOON		
36.		US 5,909,257	06/01/1999	OHISHI et al.		
37.		US 5,940,255	08/17/1999	UWABO et al.		
38.		US 5,949,792	09/07/1999	YASUDA et al.		
39.		US 5,953,187	09/14/1999	UWABO et al.		
40.		US 5,987,126	11/16/1999	OKUYAMA et al.		
41.		US 6,031,962	02/29/2000	SAWABE et al.		

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U.S. PATENT DOCUMENTS

Ref. Desig.	Examiner's Initials	Document Number	Date	Name	Class/ Subclass	(If appropriate) Filing Date
42.	/ML/	US 6,035,095	05/07/2000	KANESHIGE et al.		
43.		US 6,181,870	01/30/2001	OKADA et al.		
44.		US 6,181,872	01/30/2001	YAMANE et al.		
45.		US 6,195,726	02/27/2001	HOGAN		
46.		US 6,222,805	04/24/2001	MORI et al.		
47.		US 6,343,062	01/29/2002	FURUKAWA et al.		
48.		US 6,351,442	02/26/2002	TAGAWA et al.		
49.		US 6,353,613	03/05/2002	KUBOTA et al.		
50.		US 6,385,389	05/07/2002	MARUYAMA et al.		
51.		US 6,385,394	05/07/2002	OKADA et al.		
52.		US 6,385,398	05/07/2002	MATSUMOTO		
53.		US 6,393,574	05/21/2002	KASHIWAGI et al.		
54.		US 6,445,872	09/03/2002	SANO et al.		
55.		US 6,470,140	10/22/2002	SUGIMOTO et al.		
56.		US 6,470,460	10/22/2002	KASHIWAGI et al.		
57.		US 6,515,101	02/04/2003	SHEARES		
58.		US 6,546,195	04/08/2003	KASHIWAGI et al.		
59.		US 6,556,774	04/29/2003	TSUMAGARI et al.		
60.		US 6,564,006	05/13/2003	MORI et al.		
61.	✓	US 6,567,608	05/20/2003	MORI et al.		

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U.S. PATENT DOCUMENTS

Ref. Desig.	Examiner's Initials	Document Number	Date	Name	Class/ Subclass	(If appropriate) Filing Date
62.	/ML/	US 6,573,819	06/03/2003	OSHIMA et al.		
63.		US 6,603,517	08/05/2003	SHEN et al.		
64.		US 6,618,396	09/09/2003	KONDO et al.		
65.		US 6,654,543	11/25/2003	ANDO et al.		
66.		US 6,788,883	09/07/2004	PARK et al.		
67.		US 6,801,713	10/05/2004	YAGAWA et al.		
68.		US 6,901,078	05/31/2005	MORRIS		
69.		US 7,024,102	04/04/2006	INOSHITA et al.		
70.		US 7,072,573	07/04/2006	OKADA et al.		
71.		US 7,124,303	10/17/2006	CANDELORE et al.		
72.		US 6,282,320	08/28/2001	HASEGAWA et al.		
73.	↓	US 6,782,192= JP 3-199243	08/24/2004	TANAKA et al.		

FOREIGN PATENT DOCUMENTS

Ref. Desig.	Examiner's Initials	Document Number	Date	Country	Class/ Subclass	Translation Yes	No
1.	/ML/	CN 1134583	10/30/1996	CHINA		ABST.	
2.	/ML/	CN 1237852	12/08/1999	CHINA		ABST.	
3.	/ML/	CN 1251461	04/26/2000	CHINA		ABST.	
4.	/ML/	EP 0737980	10/16/1996	EUROPE		X	

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FOREIGN PATENT DOCUMENTS

Ref. Desig.	Examiner's Initials	Document Number	Date	Country	Class/ Subclass	Translation Yes	No
5.	/ML/	EP 0847198	06/10/1998	EUROPE		X	
6.		EP 0873022	10/21/1998	EUROPE		X	
7.		EP 0917355	05/19/1999	EUROPE		X	
8.		EP 0918438	05/26/1999	EUROPE		X	
9.		EP 0920203	06/02/1999	EUROPE		X	
10.		EP 0940983	09/08/1999	EUROPE		X	
11.		EP 1081885	03/07/2001	EUROPE		X	
12.		EP 1202568	05/02/2002	EUROPE		X	
13.		JP 2000-236496	08/29/2000	JAPAN		ABST.	
14.		JP 01-116819	05/09/1989	JAPAN		ABST.	
15.		JP 08-088832	04/02/1996	JAPAN		ABST.	
16.		JP 08-235833	09/13/1996	JAPAN		ABST.	
17.		JP 09-023403	01/21/1997	JAPAN		ABST.	
18.		JP 09-251759	09/22/1997	JAPAN		ABST.	
19.		JP 10-051737	02/20/1998	JAPAN		ABST.	
20.		JP 10-269698	10/09/1998	JAPAN		ABST.	
21.		JP 10-271449	10/09/1998	JAPAN		ABST.	
22.		JP 10-299698	11/10/1998	JAPAN		ABST.	
23.		JP 11-041563	02/12/1999	JAPAN		ABST.	
24.	↓	JP 11-103444	04/13/1999	JAPAN		ABST.	

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FOREIGN PATENT DOCUMENTS

Ref. Desig.	Examiner's Initials	Document Number	Date	Country	Class/ Subclass	Translation Yes	No
25.	/ML/	JP 11-134812	05/21/1999	JAPAN		ABST.	
26.		JP 11-185463	07/09/1999	JAPAN		ABST.	
27.		JP 11-259976	09/24/1999	JAPAN		ABST.	
28.		JP 11-346341	12/14/1999	JAPAN		ABST.	
29.		JP 64-003781	01/09/1989	JAPAN		ABST.	
30.		JP 2000-001130	01/07/2000	JAPAN		ABST.	
31.		JP 2000-030414	01/28/2000	JAPAN		ABST.	
32.		JP 2000-041066	02/08/2000	JAPAN		ABST.	
33.		JP 2000-069437	03/03/2000	JAPAN		ABST.	
34.		JP 2000-113602	04/21/2000	JAPAN		ABST.	
35.		JP 2000-149514	05/30/2000	JAPAN		ABST.	
36.		JP 2000-293938	10/20/2000	JAPAN		ABST.	
37.		JP 2000-299836	10/24/2000	JAPAN		ABST.	
38.		JP 2001-067802	03/16/2001	JAPAN		ABST.	
39.		JP 2001-111929	04/20/2001	JAPAN		ABST.	
40.		JP 2001-111960	04/20/2001	JAPAN		ABST.	
41.		JP 2001-297535	10/26/2001	JAPAN		ABST.	
42.		JP 2002-112179	04/12/2002	JAPAN		ABST.	
43.		JP 2002-216460	08/02/2002	JAPAN		ABST.	
44.		JP 2003-059241	02/28/2003	JAPAN		ABST.	

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45.	/ML/	JP 2003-087744	03/20/2003	JAPAN		ABST.	
46.		JP 2003-116100	04/18/2003	JAPAN		ABST.	
47.		KR 10-0294884	04/23/2001	KOREA		ABST.	
48.		KR 2000-0031861	06/05/2000	KOREA		ABST.	
49.		KR 2000-0055028	09/05/2000	KOREA		ABST.	
50.		KR 2000-0056179	09/15/2000	KOREA		ABST.	
51.		KR 2000-0065876	11/15/2000	KOREA		ABST.	
52.		KR 2001-0098101	11/08/2001	KOREA		ABST.	
53.		KR 2002-0006674	01/24/2002	KOREA		ABST.	
54.		KR 2004-0000290	01/03/2004	KOREA		ABST.	
55.		KR 2004-0030992	04/09/2004	KOREA		ABST.	
56.		KR 2004-0030994	04/09/2004	KOREA		ABST.	
57.		KR 2004-0030995	04/09/2004	KOREA		ABST.	
58.		KR 2004-0041581	05/17/2004	KOREA		ABST.	
59.		TW 391548	05/21/2000	TAIWAN		ABST.	
60.		WO 02/079902	10/10/2002	WIPO		X	
61.		WO 00/42515	07/20/2000	WIPO		ABST.	
62.		WO 00/62295	10/19/2000	WIPO		ABST.	
63.		WO 01/82609	11/01/2001	WIPO		ABST.	
64.	↓	WO 2004/075183	09/02/2004	WIPO		X	

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65.	/ML/	WO 2004/077417	09/10/2004	WIPO		X	
66.		WO 2004/079736	09/16/2004	WIPO		X	
67.		WO 2004/081939	09/23/2004	WIPO		X	
68.		WO 2004/086371	10/07/2004	WIPO		X	
69.		WO 97/13364	04/10/1997	WIPO		ABST.	
70.		WO 97/13365	04/10/1997	WIPO		ABST.	
71.		WO 98/00952	01/08/1998	WIPO		ABST.	
72.		JP 2002-288942	10/04/2002	JAPAN		ABST.	
73.		WO 00/02195	01/13/2000	WIPO		X	
74.		RU 2229174 = RU 96101175	05/20/2004	RUSSIA		ABST.	
75.	↓	JP 3-199243= US 6,782,192	08/30/1991	JAPAN		ABST.	

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)

Ref. Desig.	Examiner's Initials	
1.	/ML/	Russian Decision on Grant dated January 27, 2009
2.	/ML/	Russian Decision on Grant dated January 27, 2009
3.	/ML/	Australian Office Action dated October 27, 2008

Examiner: /Michael Le/

Date Considered: 05/09/2009

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